AMENDMENT

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

1. (Currently Amended) An automatic speech recognition system, comprising:

a memory that stores a user profile having data related to user vocal information and ~~at~~

~~least one of a communication device, transducer, and~~ a ~~probability~~ value associated with a

probability of the user being in a particular acoustic environment;

a controller coupled with the memory that receives the user profile and then compensates

at least one speech recognition model based on the user profile; ~~and~~

a communication device that receives speech utterances from the user over a network;

and

a speech recognizer that recognizes the speech utterances by using the at least one

compensated speech recognition model.

2. (Currently Amended) The automatic speech recognition system according to claim 1,

wherein <u>user profile further includes</u> ~~the~~ transducer data ~~includes~~ <u>related to</u> a distortion value

related to a transducer of a mobile communications device.

3. (Currently Amended) The automatic speech recognition system according to claim 1,

wherein the <u>particular</u> acoustic environmental data includes a background noise value that

corresponds to an operating environment of a mobile communications device.

4. (Previously Presented) The automatic speech recognition system according to claim 1, wherein the vocal information includes a distortion value related to the user associated with a mobile communications device.

5. (Currently Amended) The automatic speech recognition system according to claim 1, wherein a personal computer is used provide the data of the ~~at least one communications device, transducer, vocal information and~~ particular acoustic environmental ~~data~~.

6. (Currently Amended) The automatic speech recognition system according to claim 1, wherein a personal digital assistant is used to provide the data of the ~~at least one communications device, transducer, vocal information and~~ particular acoustic environmental ~~data~~.

7. (Currently Amended) The automatic speech recognition system according to claim 1, wherein the data of the ~~at least one communications device, transducer, vocal information and~~ particular acoustic environmental ~~data~~ is provided through a satellite communications system.

8. (Original) The automatic speech recognition system according to claim 1, wherein the speech recognizer is a network server using a hidden Markov model.

9. (Original) The automatic speech recognition system according to claim 1, wherein the controller is a network server that includes a pronunciation circuit, an environment-transducer-speaker circuit and a feature space circuit.

10. (Original) The automatic speech recognition system according to claim 8, wherein the

network server updates the at least one speech recognition model and a pronunciation model to

reflect a specific type of communications device.

11. (Previously Presented) The automatic speech recognition system according to claim 1,

wherein the memory further stores personal account information that includes administrative

information relating to the user.

12. (Previously Presented) The automatic speech recognition system according to claim 1,

wherein the communications device can be configured by the user to select a specific speech

recognition network.

13. (Currently Amended) A controller used in an automatic speech recognition system,

comprising:

        a receiving section that receives speech utterances over a network from a user;

        a first section that determines user profile data related to user vocal information and ~~at~~

~~least one of a communication device, transducer~~ a ~~probability~~ value associated with a probability

of the user being in a particular acoustic environment; and

        a second section that compensates a speech recognition model for recognizing the speech

utterances based the user profile data.

14. (Original) The controller according to claim 13, wherein the controller identifies a mobile

device by a radio frequency identification tag.

15. (Previously Presented) The controller according to claim 13, wherein the acoustic

environmental data is determined using at least one microphone in the user's environment.

16. (Previously Presented) The controller according to claim 13, wherein the acoustic

environmental data is determined using a plurality of microphones that are selectively initiated as

the user walks in between the plurality of microphones.

17. (Currently Amended) The controller according to claim 13, where the user profile data

further includes wherein the transducer data is related to a distortion value based on a difference

between an actual transducer in the mobile device and a response characteristic of a transducer

used to train the speech recognition model.

18. (Original) The controller according to claim 13, wherein the vocal information represents a

variability that exists in vocal tract shapes among speakers of a group.

19. (Original) The controller according to claim 13, wherein the controller communicates with a

memory that stores various acoustic environmental models and various features of a specific

type of mobile device.

20. (Original) The controller according to claim 19, wherein a third section stores personal

account information for each end user.

21. (Currently Amended) A method of using an automatic speech recognition system,

comprising:

receiving speech utterances over a network;

determining user profile data related to user vocal information and ~~at least one of a communications device, transducer~~ a ~~probability~~ value associated with a probability of the user being in a particular acoustic environment;

compensating a speech recognition model based on the user profile data; and

recognizing the speech utterances using the compensated speech recognition model.

22. (Currently Amended) The method according to claim 21, wherein the user profile further includes transducer data ~~includes~~ related to a distortion value related to a transducer used in a mobile device.

23. (Currently Amended) The method according to claim 22, wherein the user profile further includes data related to the acoustic environmental data includes a background noise value that corresponds to an operating environment of a mobile communications device.

24. (Currently Amended) The method according to claim 21, wherein the data of the ~~at least one of a communications device, transducer, vocal information and~~ particular acoustic environmental ~~data~~ is received from a cellular telephone.

25. (Currently Amended) The method according to claim 21, wherein the data of the ~~at least one of a communications device, transducer, vocal information and~~ particular acoustic environmental ~~data~~ is received from a personal digital assistant.

26. (Currently Amended) The method according to claim 21, wherein the data of the ~~at least one of a communications device, transducer, vocal information and~~ particular acoustic environmental ~~data~~ is received via a satellite communications system.

27. (Original) The method according to claim 21, wherein the speech recognition model is a hidden Markov model.

28. (Original) The method according to claim 23, wherein determining the acoustic environmental data is performed using a network server.

29. (Previously Presented) The method according to claim 23, wherein the acoustic environmental data is determined using at least one microphone in the user's environment.

30. (Currently Amended) The method according to claim 22, wherein the <u>user profile includes data related to a transducer and a</u> distortion value is determined based on a difference between an actual transducer in the mobile device and a response characteristic of a transducer used to train the speech recognition model.

31. (Original) The method according to claim 21, further comprising updating the speech recognition model and a pronunciation model to reflect a specific type of mobile communications device.

32. (Original) The method according to claim 21, further comprising configuring the communications device to select a specific speech recognition network.